

FISH TRANSPORT PERMIT

"O" to Novak 4/8/85 Incomplete  
No disease history.  
Permit No. 84 J-1087  
Date: 3/16/84 1087 #

Applicant/Organization: ADF&G - FRED/U.S.F.S.

Project Leader: Paul Novak

Telephone No. 225-9677

Effective Period: July 1, 1985 - October 1, 1990

Species: Chum

Transport Date(s): August 1 - October 1 of each year

Stock Origin: Fish Creek - Hyder

Maximal Number Allowed: 5,000 adult chum

Incubation & Rearing Location(s): Natural spawning in Marx Creek

Release Location: Marx Creek spawning channel

Purpose and Benefits: Establish a viable population of Fish Creek chum salmon in Marx Creek within the shortest period of time following spawning channel development. Benefit commercial net fisheries.

Evaluation Plans: Annual spawner enumeration and distribution surveys at least 3 times per year.

Is release site landlocked? No

Native stocks present, their status, and effects of the proposed action on them:

Chum - Strays from Fish Creek - 126 (1983), 2026 (1982), 39 (1979)

ho - Strays from Fish Creek - Salmon River - 95 (1983), 31 (1982)

Dolly Varden - Low population numbers - no effect

Miscellaneous Species - Sculpin and stickleback may be present in low numbers.

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History of previous transports of this stock: No known transplant of Fish Creek chum  
on record.

Disease history of stock to be transported: None - Fish to remain in watershed of  
origin - See diagram attached.

Description of proposed egg take methods: No egg takes as the adults will be transported  
from Fish Creek across the Hyder road into the Marx Creek spawning channel where they will  
be weired for natural spawning.

Isolation measures planned to control disease during transport, including description  
of container, water source, and method and plan for transport:

Same water source. We will use a pickup with a fish transport tank either in the bed or on  
a trailer. Bottled oxygen will supply oxygen needs to the transport tank. Adults will be  
transferred using anesthetic MS-222 to decrease handling mortalities.

Source of water for rearing and proposed effluent discharge location: Not applicable

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REGIONAL REVIEW

FRED (Review Coordinator):

AGREE

DISAGREE

DATE

Incomplete:

FRED TECHNICAL REVIEW

Principal Pathologist:

AK Hutch

12/10/84

Incomplete:

AK Hutch by TH

12/14/84

Principal Geneticist:

BH Davis Jr

12/12/84

REGIONAL REVIEW

Commercial Fish:

W. S. Cantillon

12/18/84

Sport Fish:

Fuller Hall

12/14/84

HEADQUARTERS REVIEW

Principal Biologist:

Kenneth Lewis

12/20/84

FRED Chief of Technology  
and Development:

R. B. Burchett

12/21/84

FRED Director

J. C. Newman

12-31-84

APPROVAL

Commissioner:

Stuart Pennings

1-2-85

DISAPPROVAL:

Commissioner:

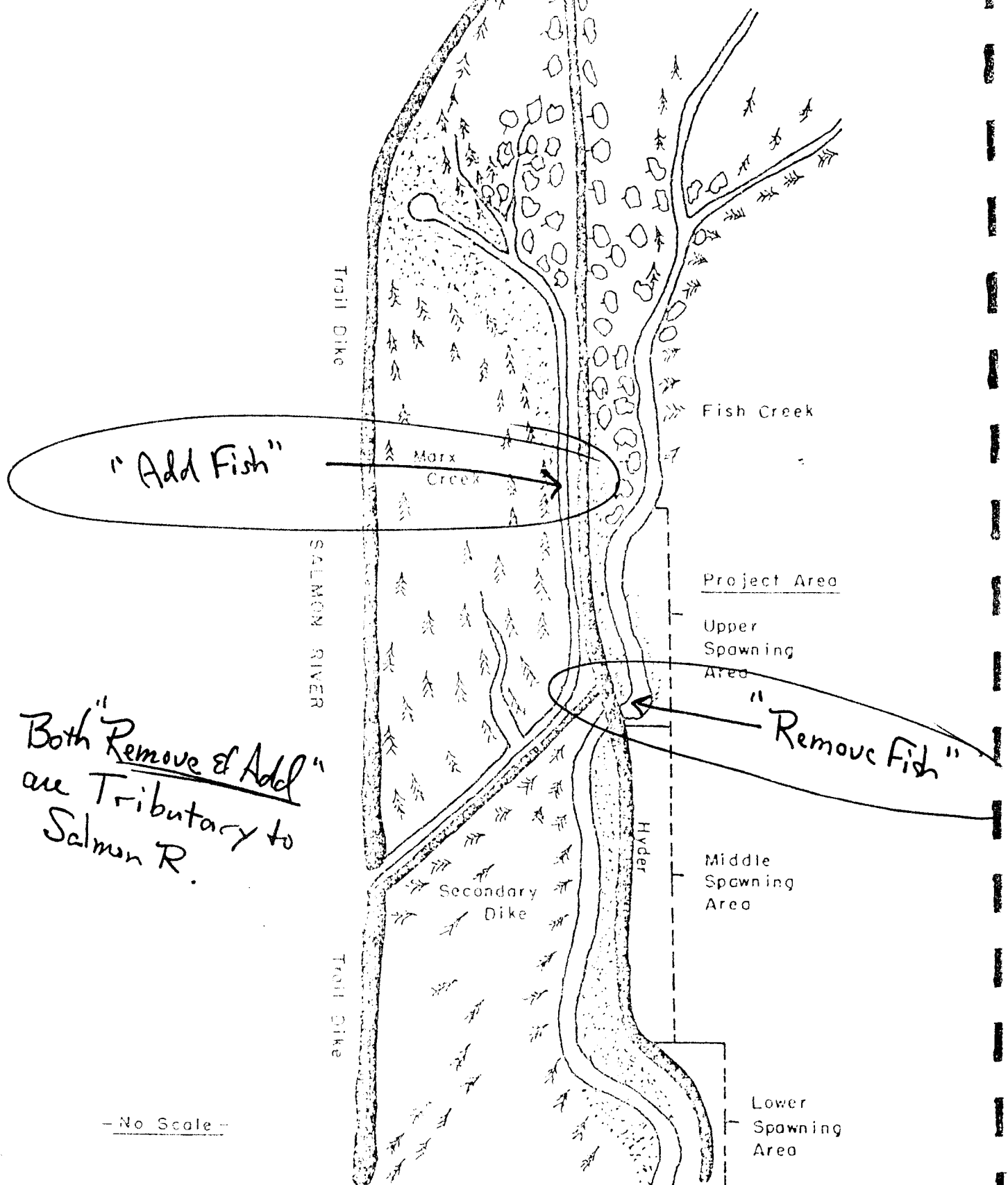
O - Paul Novak  
Xc - Bob Dewey  
Van Hulle ✓  
FRED  
Cantillon

1/4/85 TH

Comment Page  
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Permit No.: 84J-1087

87  
84J-1018

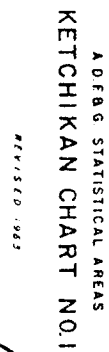


"Both 'Remove & Add' are Tributary to Salmon R."

- No Scale -

Figure 2. Fish Creek Area

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84J-1081

Fish Pathology Section  
Fisheries Rehabilitation Enhancement and Development Division  
Alaska Department of Fish and Game  
333 Raspberry Road  
Anchorage, Alaska 99502  
Telephone: 267-2248

FISH HEALTH RECORD

Report Date: 11/21/84  
Accession Number: 850130  
Contact Person (receives original report): Mike Ward  
Contact Person Address: A.D.F. & G., Ketchikan, AK  
Copies to: 3.1.9, MAR, 6.7.0, 6.8.0, Burkett, Sele  
Sample Date:  
Sample Site: Fish Creek  
Number in Sample: 61  
Sample Type: kidney and hindgut  
Brood Year: wild  
Brood Source: Fish Creek  
Species: Oncorhynchus keta  
Life Stage: adult  
State: dead

Service Requested:  
Fluorescent Antibody Technique

Reason for Sample: broodstock evaluation

Date Received: 10/23/84  
Date Completed: 11/21/84

Method/Result:  
Fluorescent Antibody Technique  
Conjugate: Anti - Renibacterium salmoninarum  
Findings and Incidence: 0/61 pos for BKD

Comments/Recommendations: According to this sample these fish appear to be free of the pathogens tested for. FTP 84J-1018, checked on 4/12/84, did not have a disease history. This sample was collected to establish a disease history for this stock. The proposed permit was for moving Fish Creek chum salmon to Marx Creek, both tributaries of Salmon River.

Investigators and Initials:  
Microbiologist: Leslie R. Wenderoff *L*  
Fish Pathologist: A. K. Hauck  
Fish Health Inspector: A. K. Hauck *ll*